

**IN THE CLAIMS:**

This listing will replace all prior versions, and listings of claims in the application:

Claims 1 - 32 (Cancelled)

33. (New) A method for generating a noise-producing entity, comprising:

reading first data comprising one or more parameters associated with noise-producing orifice images of sequences of at least three concatenated phonemes which correspond to an input stimulus;

reading, based on the first data, corresponding second data comprising images of a noise-producing entity; and

generating, using the second data, an animated sequence of the noise-producing entity tracking the input stimulus.

34. (New) The method of claim 33, further comprising:

reading acoustic data associated with the second data;

converting the acoustic data into sound; and

outputting the sound synchronously with the animated sequence of the noise-producing entity.

35. (New) The method of claim 33, wherein the first data comprises one or more equations characterizing noise-producing orifice shapes.

36. (New) The method of claim 34, wherein the first data comprises one or more equations characterizing noise-producing orifice shapes.
37. (New) The method of claim 34, wherein the converting step is performed using a data-to-sound converter.
38. (New) The method of claim 34, wherein the first data comprises segments of sampled images of a noise-producing subject.
39. (New) The method of claim 34, wherein the second data comprises parameters associated with a noise-producing orifice degree of opening.
40. (New) The method of claim 34, wherein the receiving, generating, converting and reading steps are performed on a personal computer.
41. (New) The method of claim 34, wherein the first data and second data reside in a memory device on a computing device.
42. (New) The method of claim 38, wherein the first data comprises animation data, and the second data comprises coarticulation data.
43. (New) The method of claim 38, wherein the generating step is performed by overlaying the segments onto a common interface to create frames comprising the animation sequence.

44. (New) A noise-producing animated entity generated by a method comprising:
- reading first data comprising one or more parameters associated with noise-producing orifice images of sequences of at least three concatenated phonemes which correspond to an input stimulus;
  - reading, based on the first data, corresponding second data comprising images of a noise-producing entity; and
  - generating, using the second data, an animated sequence of the noise-producing entity tracking the input stimulus.
45. (New) The noise-producing animated entity of claim 44, wherein the method further comprises:
- reading acoustic data associated with the second data;
  - converting the acoustic data into sound; and
  - outputting the sound synchronously with the animated sequence of the noise-producing entity.
46. (New) The noise-producing animated entity of claim 44, wherein the first data comprises one or more equations characterizing noise-producing orifice shapes.
47. (New) The noise-producing animated entity of claim 45, wherein the first data comprises one or more equations characterizing noise-producing orifice shapes.
48. (New) The noise-producing animated entity of claim 45, wherein the converting step is performed using a data-to-sound converter.

49. (New) The noise-producing animated entity of claim 45, wherein the first data comprises segments of sampled images of a noise-producing subject.
50. (New) The noise-producing animated entity of claim 45, wherein the second data comprises parameters associated with a noise-producing orifice degree of opening.
51. (New) The noise-producing animated entity of claim 45, wherein the receiving, generating, converting and reading steps are performed on a personal computer.
52. (New) The noise-producing animated entity of claim 45, wherein the first data and second data reside in a memory device on a computing device.
53. (New) The noise-producing animated entity of claim 49, wherein the first data comprises animation data, and the second data comprises coarticulation data.
54. (New) The noise-producing animated entity of claim 49, wherein the generating step is performed by overlaying the segments onto a common interface to create frames comprising the animation sequence.